

# Atrial Natriuretic Peptide (ANP) (1-28), human, porcine

Cat. No.: RP11927CN

## Overview

<b>Synonyms</b>	ANP (1-28), human, porcineANP(1-28)
<b>Description</b>	Atrial natriuretic peptide (ANP), a stimulator of particulate guanylate cyclase, has been found to protect against reoxygenation-induced hypercontracture in isolated cardiomyocytes by increasing cyclic guanosine monophosphate synthesis; ANP also contributes to stimulation of lipolysis during repeated bouts of exercise and in the control of lipolysis during exercise.
<b>Sequence</b>	{SER}{LEU}{ARG}{ARG}{SER}{SER}{CYS}{PHE}{GLY}{GLY}{ARG}{MET}{ASP}{ARG}{ILE}{GLY}{ALA}{GLN}{SER}{GLY}{LEU}{GLY}{CYS}{ASN}{SER}{PHE}{ARG}{TYR}
<b>Sequence Shortening</b>	SLRRSSCFGGRMDRIGAQSGLCNSFRY (Disulfide bridge: 7-23)
<b>Molecular Formula</b>	C <sub>128</sub> H <sub>205</sub> N <sub>45</sub> O <sub>39</sub> S <sub>2</sub>
<b>Disulfide Bridge</b>	Cys7-Cys23
<b>Molecular Weight</b>	3080.5

## Properties

<b>Purity</b>	> 95%
<b>Solubility</b>	Soluble in water. The contents of this vial have been accurately determined. Both the stopper and the vial have been siliconized. Do not attempt to weight out a smaller portion of the contents.
<b>Form</b>	Lyophilized
<b>Storage</b>	Store at -20°C. Keep tightly closed. Store in a cool dry place.